

2. 江苏省特色蔬菜（葱蒜类）病毒病调查与监测技术研究，江苏省农业科技自主创新资金项目【项目编号：CX（18）2005-1；2018.7-2021.6】。
3. 高产养分高效利用转基因菜用大豆新品种培育，国家转基因生物新品种培育重大专项课题（课题编号：2016ZX08004-005-007；2016.1-2020.12）。
4. 高产养分高效利用转基因菜用大豆新品种培育，国家转基因生物新品种培育重大专项课题（课题编号：2014ZX08004-005-007；2014.1-2015.12）。
5. 南京农业大学作物遗传与种质创新国家重点实验室开放基金课题，耐低磷转基因菜用大豆新材料创制（编号：ZW2013006；2013.1-2015.12）。
6. 国家转基因生物新品种培育重大专项重点课题，菜用大豆脱致敏及耐盐转基因新材料的创制（编号：2009ZX08004-011B；2009.6-2012.6）。
7. 国家高技术（863）研究计划重大项目子课题，优质、抗逆转基因菜用大豆新品种培育（编号：2008AA10Z153；2008.1-2010.12）。
8. 国家高技术（863）研究计划重大项目子课题，菜用大豆优质基因的克隆及功能研究（编号：2006AA10A110；2006.1-2010.12）。

培养研究生

培养博士和硕士研究生 83 名（其中 23 人获得日本 JASSO 奖学金在千叶大学进行留学、3 人获得日本文部科学省 MEXT 奖学金在千叶大学攻读博士学位）。

近年来发表的主要论文

1. Ren Xiao-Wei, Yu Ding-Wen, Yang Shou-Ping, Gai Jun-Yi, **Zhu Yuelin***. Effects of *StP5CS* gene overexpression on nodulation and nitrogen fixation of vegetable soybean under salt stress conditions. *Legume Research*. 2018, 41(5):675-680. (SCI, * stands for corresponding author, the same below)
2. Pei Xuli, Jing Zange, Tang Zheng, **Zhu Yuelin***. Comparative transcriptome analysis provides insight into differentially expressed genes related to cytoplasmic male sterility in broccoli (*Brassica oleracea* var. *italica*). *Scientia Horticulturae*. 2017, 217: 234-242. (SCI)
3. Zhu Wen-li, Yang Li-fei, Yang Shou-ping, Gai Jun-yi, **Zhu Yue-Lin***. Overexpression of rice phosphate transporter gene *OsPT2* enhances nitrogen fixation and ammonium assimilation in transgenic soybean under phosphorus deficiency. *Journal of Plant Biology*. 2016, 59(2):172-181. (SCI)
4. Chen Guo-Hu, Wen Yan, Yang Shou-Ping, Wang Ai-Ming, Gai Jun-Yi, **Zhu Yue-Lin***. Overexpression of rice phosphate transporter gene *OsPT2* enhances tolerance to low phosphorus stress in soybean. *Journal of Agricultural Science and Technology*. 2015, 17:469-482. (SCI)
5. Zhang Gong-Chen, Zhu Wen-Li, Gai Jun-Yi, **Zhu Yue-Lin***, Yang

- Li-Fei. Enhanced salt tolerance of transgenic vegetable soybean resulting from overexpression of novel Δ 1-pyrroline-5-carboxylate synthetase gene from *Solanum torvum* Swartz. *Horticulture, Environment, and Biotechnology*. 2015, 56:94-104. (SCI)
6. Yan Wen, Chen Guo-Hu, Yang Li-Fei, Gai Jun-Yi, **Zhu Yue-Lin***. Overexpression of the rice phosphate transporter gene *OsPT6* enhances tolerance to low phosphorus stress in vegetable soybean. *Scientia Horticulturae*, 2014, 177: 71-76. (SCI)
 7. Chen Guo-Hu, Yan Wen, Yang Li-Fei, Gai Jun-Yi, **Zhu Yue-Lin***. Overexpression of *StNHX1*, a novel vacuolar Na^+/H^+ antiporter gene from *Solanum torvum*, enhances salt tolerance in transgenic vegetable soybean. *Horticulture, Environment, and Biotechnology*, 2014, 55(3): 213-221. (SCI)
 8. Liu Si-Chen, Zhang Gong-Chen, Yang Li-Fei, Mii Masahiro, Gai Jun-Yi, and **Zhu Yue-Lin***. Bialaphos-resistant transgenic soybeans produced by the *Agrobacterium*-mediated cotyledonary-node method. *Journal of Agricultural Science and Technology*. 2014, 16(1): 175-190. (SCI)
 9. Liu Si-Chen, Chen Guo-Hu, Yang Li-Fei, Gai Jun-Yi and **Zhu Yue-Lin***. Production of transgenic soybean to eliminate the major allergen Gly m Bd 30K by RNA interference-mediated gene silencing. *Journal of Pure and Applied Microbiology*. 2013, November: 589-599.

(SCI)

10. Chen Gang, Wang Hua, Gai Jun-Yi, **Zhu Yue-Lin***, Yang Li-Fei, Liu Qian-Qian, Zhang Gong-Chen, Chen Guo-Hu. Construction and characterization of a full-length cDNA library and identification of genes involved in salinity stress in wild eggplant (*Solanum torvum* Swartz). Horticulture, Environment, and Biotechnology. 2012, 53(2): 158-166. (SCI)
11. **Zhu Yue-Lin***, Yang Li-Fei, Gai Jun-Yi. Cloning of genes conferring allergenic proteins and salt tolerance by screening a full-length cDNA library in vegetable soybean. Acta Horticulturae. 2012, 929: 129-134. (ISTP)
12. Chen Lei, Liu Qian-Qian, Gai Jun-Yi, **Zhu Yue-Lin***, Yang Li-Fei, Wang Cong. Effects of nitrogen forms on the growth and polyamine contents in developing seeds of vegetable soybean. Journal of Plant Nutrition. 2011, 34(4): 504-521. (SCI)
13. Liu Qian-Qian, Chen Gang, Gai Jun-Yi, **Zhu Yue-Lin***, Yang Li-Fei, Wei Guo-Ping, Wang Cong. Highly efficient shoot regeneration from cotyledonary nodes of vegetable soybean. Korean Journal of Horticultural Science & Technology. 2010, 28(2): 307-313. (SCI)
14. Yang Li-Fei, Gai Jun-Yi, **Zhu Yue-Lin***, Chen Gang, Wei Guo-Ping, Wang Cong, Liu Qian-Qian. Construction and characterization of full-length cDNA library and expressed sequence tags analysis in

- developing seeds of vegetable soybean. Horticulture, Environment, and Biotechnology. 2009, 50(1): 51-56. (SCI)
15. Wei Guo-Ping, Yang Li-Fei, **Zhu Yue-Lin***, Chen Gang. Changes in oxidative damage, antioxidant enzyme activities and polyamine contents in leaves of grafted eggplant seedlings under calcium nitrate stress. *Scientia Horticulturae*. 2009, 120: 443-451. (SCI)
16. Zhang Gu-Wen, Liu Zheng-Lu, Zhou Jun-Guo, **Zhu Yue-Lin***. Effects of $\text{Ca}(\text{NO}_3)_2$ stress on oxidative damage, antioxidant enzymes activities and polyamine contents in roots of grafted and non-grafted tomato plants. *Plant Growth Regul.* 2008, 56: 7-19. (SCI)
17. Sheng Xiao-Guang, Liu Fan, **Zhu Yue-Lin**, Zhao Hong, Zhang Li, Chen Bin. Production and analysis of intergeneric somatic hybrids between *Brassica oleracea* and *Matthiola incana*. *Plant Cell Tiss Organ Cult.* 2008, 92: 55-62. (SCI)

获奖及荣誉

- ① 1994 年以来享受国务院特殊津贴[证书编号：(94)3260006]。
- ② 2002 年获中国农学会第八届青年科技奖 [农学发（2002）31]。
- ③ 1992 年获国家科技进步二等奖（证书编号：农-2-008-3）。
- ④ 2000 年获江苏省科技进步二等奖(证书编号：2-3-4)。
- ⑤ 1991 年获江苏省科技进步二等奖（证书编号：2-2-3）。
- ⑥ 江苏省首届中青年科技奖（证书编号：1989-4）。